

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

479.58-6

SERIAL NO.

09/929,770

APPLICANT(S)

Napoleone Ferrara, et al.

FILING DATE

August 14, 2001

GROUP

1647

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL/	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	4,670,394	6/2/1987	H.B. Pollard et al.	435	240	
	4,801,542	1/31/1989	M.J. Murray et al.	435	172.3	
	4,738,927	4/19/1988	T. Taniguchi et al.	435	243	
	4,783,412	11/8/1988	G.I. Bell et al.	435	240.1	
	4,721,672	1/26/1988	B.L. Vallee et al.	435	70	
	4,456,550	6/26/1984	Dvorak et al.	424	158.1	
	5,008,196	4/16/1991	Connolly et al.	435	240.2	8/21/1987
<i>↓</i>	5,073,492	12/17/1991	Chen et al.	435	240.2	6/9/1987

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>A</i>	WO9102058	21/2/1991	Patent Cooperation Treaty				✓
<i>J</i>	03709896	6/30/1990	PCT	C12N	15/12		✓
<i>X</i>	<del>WO84/021</del>	<del>6/7/1984</del>	<del>PCT</del>	<del>C07G</del>	<del>7/00</del>		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JS</i>		Ferrara et al. Proc. Nat. Acad. Sci. USA Vol. 84 (1987), pp. 5773-5777.
<i>↓</i>		G. Conn et al, "Purification of a glycoprotein vascular endothelial cell mitogen from a rat glioma-derived cell line", Proc. Nat. Acad. Sci. USA, Vol. 87 (1990), pp. 1323-1327.

EXAMINER

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ATTY. DOCKET NO.

479.58-3

SERIAL NO.

O/ 360,235

APPLICANT

N. FERRARA et al.

FILING DATE

6/1/89

GROUP

186

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5 0 0 8 1 9 6	4/16/91	Connolly et al.	435/240	2	Duplicate Citation
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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AN					
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Edmund Tischer et al., "Vascular Endothelial Growth Factor: A New Member of the Platelet-Derived Growth Factor Gene Family," Biochemical & Biophysical Research Communications, Vol.165(3), pp. 1198-1206.
AS	
AT	

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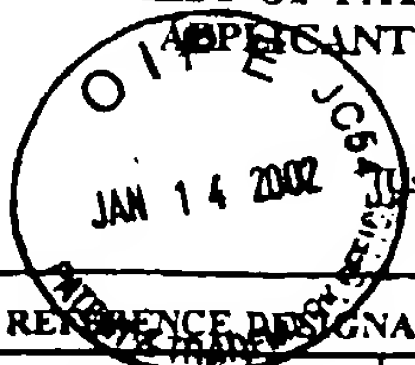
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479,58-3

SERIAL NO.

of 360,235

APPLICANT Napoleone Ferrara, et al.

FILING DATE June 1, 1989

GROUP

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U.S. PATENT DOCUMENTS

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	4 6 7 0 3 9 4	6/2/87	H.B. POLLARD et al	435	240	Nov 16, 19
	4 8 0 1 5 4 2	1/31/89	M.J. MURRAY et al	435	172.3	Feb 25, 19
	4 7 3 8 9 2 7	4/19/88	T, TANIGUCHI et al	435	243	Feb 3, 19
	4 7 8 3 4 1 2	11/8/88	G.I. BELL, et al	435	240.1	Jun 3, 19
	4 7 2 1 6 7 2	1/26/88	B.L. VALLEE, et al	435	70	Sep 20 19

FOREIGN PATENT DOCUMENTS

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*All duplicates of IDS filed 12/03*

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APPLICANT NAPOLEONE FERRARA, et al.

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J	1	G. Beck et al., "Isolation and Characterization of a Vascular Permeability Factor from Stimulated U937 Cells", J. Leukocyte Bio. Vol. 42:5 (1987), p. 568.
K	2	J.M. Bruce et al., "Vascular Permeability induced by protein product of malignant brain tumors: inhibition by dexamethasone", J. Neurosurg., Vol. 67 (1987), pp. 880-884.
L	3	G.R. Criscuolo et al., "Further characterization of malignant glioma-derived vascular permeability factor", J. Neurosurg., Vol. 69 (1988), pp. 254-262.
M	4	G. Gospodarowicz et al., "Isolation and characterization of a vascular endothelial cell mitogen produced by pituitary-derived folliculo stellate cells", Proc. Nat. Acad. Sci., Vol. 86 (1989), pp. 7311-7315.
N	5	J. Plouet et al., "Isolation and characterization of a newly identified endothelial cell mitogen produced by AtT-20 cells", EMBO J., Vol. 8:12 (1989), pp. 3801-3806.

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**ART (Including Author, Title, Date, Pertinent Pages,  
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	J	6	G. Conn et al., "Purification of a glycoprotein vascular endothelial cell mitogen from a rat glioma-derived cell line", Proc. Nat. Acad. Sci. USA, Vol. 87 (1990), pp. 1323-1327.
	K	7	G. Conn, "Amino acid and cDNA sequences of a vascular endothelial cell mitogen that is homologous to platelet-derived growth factor", Proc. Nat. Acad. Sci., Vol. 87 (1990), pp. 2628-2632.
	L	8	D.R. Senger et al., "Purification of NH <sub>2</sub> -Terminal Amino Acid Sequence of Guinea Pig Tumor-secreted Vascular Permeability Factor", Cancer Res., Vol 50 (1990), pp. 1774-1778.
	M	9	M. Ferrara et al., "The Vascular Endothelial Growth Factor Family of Polypeptides", J. Cell Biochem., Vol. 47 (1991), pp. 211-218.
	N	10	C. de Vries et al., "The fms-Like Tyrosine Kinase, a Receptor for Vascular Endothelial Growth Factor", Science, Vol. 255 (1992), pp. 989-991.

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	AL	0 3 7 09 8 9	6/30/90	Brussels	C12N	15/12	
	AM	W O 84/0 2 1	6/7/84	PCT	C07G	7/00	
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*duplicate  
incomplete citation.*

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AR	B.W. Leung, Science, Vol. 246, p. 1306, (December 8, 1989).
AS	P.J. Keck, et al. Science, Vol. 246, p. 1309, (December 8, 1989).
AT	G.E. Lemke, et al. Journal of Neuroscience, Vol. 4 No. 1, p. 75 (January 1984).

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(Information Disclosure Statement—Section 9 PTO-1449 (Modified) (6-11-88) 1 of 6





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AR	N. Ferrara, et al., Biochemical and Biophysical Research Communications, Vol. 161, No. 2, p. 851 (June 15, 1989)
AS	D. Gospodarowicz, et al. Biochemistry, Vol. 86 p. 882 (1989).
AT	D. Gospodarowicz, et al. as submitted earlier to related U.S. Patent Appl. Ser. No. 07/546,162, filed May 2, 1990.

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AA	N. Ling, et al. Biochemistry, Vol. 82, pg. 7217 November 1985).
AS	N. Ueno, et al., Biochemistry Vol. 84, pg. 8282 (December 1987).
AI	S. Shimasaki, et al., Biochemical and Research Communications, Vol. 152, pg. 717, (April 29, 1988).

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AS	D.R. Senger, et al. Cancer Research, Vol. 46 p. 5629, (November 1986).
AT	D.T. Connolly, et al., J. Clinical Investigation, Vol. 84 p. 1470 (November 1989).

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AR	D.T. Connelly, et al., Journal of Biological Chemistry Vol. 264, #44, p. 20017 (1989).
AS	F. Ishikawa, et al., Nature, Vol. 338 pg. 557 (April 1989).
AT	D.R. Senger et al., Science, Vol. 219 p. 983 (Feb. 25, 1983).

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AR	J.S. Rubin, et al. Proc. Natl. Acad. Sci, U.S.A., Vol. 86 p. 802, (February 1989).
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